



Crop Report

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Crop Report for August 31, 2008

Saskatchewan farmers have 20 per cent of the 2008 crop harvested, according to Saskatchewan Agriculture's weekly crop report.

This is an increase of 10 per cent from last week, but still behind the five-year (2003-2007) average of 35 per cent. Provincially, harvest is

furthest advanced in the southwest with 36 per cent of the crop harvested, and least advanced in the northwest where six per cent of the crop has been taken off.

Thirteen per cent of the durum crop has been harvested and nine per cent of the canola crop is off. With 10 per cent of the spring wheat crop harvested, crop reporters estimate that 70 per cent will grade No. 1 Canada Western (CW) and 23 per cent will grade No. 2 CW. The 10-year crop report average is 46 per cent 1 CW and 23 per cent 2 CW.

Sixty-one per cent of the 2008 lentil crop is off, as is 73 per cent of the pea crop. The fall rye crop is 89 per cent harvested and the winter wheat crop is 78 per cent harvested. Almost half of the triticale crop is harvested.

Insects and wind caused the majority of the crop damage this past week. Reporters also expressed concerns about flooding, ergot, bleaching, staining, and

lodging. Southern areas received rainfall of up to 50 mm on Sunday, August 31 and Monday, September 1.

Pasture conditions deteriorated from the end of July when 58 per cent were in good to excellent condition. The current rating is 45 per cent of pastures in good to excellent condition. The poorest pasture conditions are located on the western side of the province.

Fifteen per cent of reporters rate livestock water supplies as inadequate, up from 11 per cent at the end of July. Some farmers, located primarily in southern Saskatchewan, are hauling water for their animals.

1 Year Ago

Forty-four per cent of the 2007 crop had been harvested. Harvest was most advanced in the southwest where 81 per cent of the crop was off.

Winds caused the majority of the crop damage, including scattering of crops and shelling of ripe grain. Other concerns included bleaching, staining, sprouting, damage from wheat midge, and high fire hazard.

It was estimated that over 80 per cent of the 2007 spring wheat will place in the top two grades. (with 34 per cent harvested)

Less than half of the pastures were rated in good to excellent condition.

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South eastern Saskatchewan (Crop Districts 1, 2, & 3ase)

Weather in the southeast varied between hot, cool, dry, and wet over the past week, with some strong winds. An average of 2 mm of precipitation was reported, with the average high of 5 mm in CD 2b. Wind damage was reported throughout the region, including lodging, scattering of swaths, and shelling of ripe grain. Heat and drought stress was reported in the Windthorst area, where standing barley crops were breaking off in the wind. Farmers also expressed concern about bleaching, piebald kernels, and second growth. Crops in the swath are deteriorating on a daily basis.

Several reports of canola crop damage due to wind were received from the Weyburn area, with losses ranging from 10% to 25% of the canola crop was lost in the wind.

Thirty per cent of the 2008 south eastern crop has been harvested and a further 31% is lying in the swath or is ready to be straight-combined. The harvest of fall crops is 90% complete. South eastern peas are 82% harvested while lentils are 76% off.

With 17% of the spring wheat harvested, crop reporters estimated that 71% will fall into the top grade.

Topsoil moisture conditions

were slightly drier this past week. Eighty-two per cent of the crop land is rated as having adequate topsoil moisture, compared with 85% last week. Seventy-seven per cent of the hay and pasture land is rated as having adequate topsoil moisture, compared to 88% last week.

Insect damage came from grasshoppers (Oxbow, Kisbey, Kennedy, Midale, Pangman, Weyburn, Montmartre, Indian Head, Minton, Ceylon), sawflies (Moose Jaw, Marquis, Minton, Ceylon), and aphids (Indian Head). Some farmers are spraying for grasshoppers. Flea beetles are moving into the Tantallon area. Ergot in durum was reported in the Weyburn and Radville areas. Some samples will have significantly reduced grades. Birds damaged crops in the Odessa area.

Sixty per cent of the pasture conditions in the southeast are reported as good to excellent, similar to 58% in late July.

Eighty-four per cent of the area has adequate livestock water supplies, down from 89% in late July.

Seeding of fall crops has begun in the Oxbow and Kisbey areas.

Baling of hay is nearing completion. Some farmers are hauling bales. Some farmers are also spraying pre-harvest herbicides to kill weeds and speed dry-down of uneven

crops.

South western Saskatchewan (CDs 3asw, 3an, 3b, & 4)

The southwest was hot at the beginning of this past week and turned cold and wet by the weekend. An average of 3 mm of precipitation was reported, with an average high of 8 mm reported in CD 3bn. The rain caused crop damage, including bleaching, in the Rush Lake, Stewart Valley, Success, and Lucky Lake areas. Lentils in the Rush Lake area dropped from a #1 grade to a #3 grade. Winds were very damaging in some parts of the region. In the Glentworth area, one farmer had 15 to 20 bu./acre shelled out of a canola crop covering 640 acres. Crop damage from drought was reported in the Rockglen and Consul areas.

The beginning of the new week (August 31) saw rain in many areas of the southwest – some reporters indicated they had up to 50 mm. The rainfall amounts beginning with August 31 will show up in next week's Crop Report.

Thirty-six per cent of the 2008 south western crop has been harvested and a further 22% is lying in the swath or is ready to be straight-combined. Winter wheat and fall rye are over 80% harvested. Peas are over 90% harvested and lentils are over 55% harvested.

With 22% of the spring wheat harvested, crop reporters estimate that 89% will fall into the top grade.

Topsoil moisture conditions improved with 45% of the crop land rated as having adequate topsoil moisture, compared with 34% last week. Forty-two per cent of the hay and pasture land is rated as having adequate topsoil moisture, compared to 37% last week.

Insect damage came from sawflies and grasshoppers. In the Weyburn area, grasshoppers were eating the bolls off the flax. Some farmers were spraying. In the Viceroy area, farmers were finding it challenging to swath ahead of the sawflies. Wildlife damaged crops in the Webb area.

Pasture conditions have deteriorated in the southwest. In late July, 56% of the pastures were in good to excellent condition; this month, 29% received the same rating.

Almost one-third of the southwest is facing inadequate livestock water supplies, up slightly from 29% reported in late July.

Seeding of fall crops has begun in the Maple Creek area.

East central Saskatchewan (Crop Districts 5 & 6a)

The east central region had

warm days, cool nights, and some damp weather. An average of 5 mm of precipitation was reported during the past week, with an average high of 7 mm reported in CD 6a. Wind damage was reported in the Abernethy, Bethune, Holdfast, Craik, Leroy, and Humboldt areas. The Abernethy and Leroy areas saw breakage of cereal stems in the wind. The Bethune areas saw canola and mustard swaths being scattered and shelled out. Farmers also reported concerns with bleaching, staining, and lodging. Excessive moisture in the Kelvington, Leroy, Jansen, Humboldt, Calder, Foam Lake, Quill Lake, and Kamsack areas is delaying harvesting and reducing crop quality. Durum crops in the Holdfast area are suffering from sprouting and mildew. There was light frost in the Leroy area on the 24th and on the 29th, with the minimum temperature just below 0 degrees C.

Twelve per cent of the 2008 east central crop has been harvested and a further 38% is lying in the swath or is ready to be straight-combined. Eighty-nine per cent of the fall rye and 78% of the winter wheat is off, as is 57% of the peas and 55% of the lentils.

Second growth in some crops is delaying harvesting.

With just 4% of the spring wheat harvested, crop reporters estimated 60% will fall into the top grade.

Topsoil moisture conditions are similar to last week with 80% of the crop land and 69% of the hay and pasture land rated as having adequate topsoil moisture.

Grasshoppers caused damage in the Bethune area. Sawflies caused crop damage in the Earl Grey, Holdfast, Craik, and Imperial areas. Bertha armyworms caused crop damage in the Leroy and Humboldt areas. Wildlife caused crop damage in the Goodeve area.

Pasture conditions have deteriorated in the last month. At the end of July, 80% of east central pastures were rated as good to excellent – at the end of August, only 46% are given that rating. Ninety-six per cent of the area has adequate livestock water supplies.

More wild hay is being made in the Goodeve area as the sloughs are drying out. Crops were being desiccated at the beginning of the week. Some winter wheat was being seeded in the Holdfast area and some fall rye was planted in the Bradwell area.

West central Saskatchewan (Crop Districts 6b & 7)

The west central region was warm at the beginning of the week, and then turned cooler, with some showers. An average of 14 mm of precipitation was reported across the region, with the highest average amount being

15 mm reported in CD 6b. Wind caused crop damage in the Hanley, Conquest, Major, and Denzil areas. Hail caused about 10% damage in the Arelee area. Rain caused crop damage in the Conquest and Rosetown areas. There was some frost in the Unity area. Farmers also expressed concerns about lodging, staining, and bleaching.

Areas affected by the previous week's hailstorm in the Rosetown area have damage as high as 100%.

Fourteen per cent of the 2008 west central crop has been harvested and a further 31% is lying in the swath or is ready to be straight-combined. The fall rye harvest is over 90% complete, with winter wheat at 63% combined. Peas are two-thirds done and lentils are 56% combined.

With 3% of the spring wheat harvested, crop reporters estimate that 83% will fall into the top grade.

Second growth that is not ripening is hindering harvest, and more swathing than usual is being done in some areas.

Crop land topsoil moisture conditions are similar to last week, with 68% rated as having adequate topsoil moisture. Two-thirds of the hay and pasture land is rated as having adequate topsoil moisture, compared to less than half last week.

Insect damage came from grasshoppers (Hanley), diamondback moth larvae (Herschel, Scott), and sawflies (Denzil, Battleford), while wheat midge damage continued to show up in wheat crops. Geese caused crop damage in the Rosthern area.

Just over one-third of the pastures are rated in good to excellent condition, compared to just over half at the end of July.

Ninety-two per cent of the area has adequate livestock water supplies.

Fall rye was being seeded in the Grandora area. Other activities include desiccating, hauling bales, and summerfallowing.

North eastern Saskatchewan (Crop Districts 8 & 9ae)

The north eastern region started off warm last week, then turned cool. An average of 11 mm of precipitation was reported during the past week, with an average high of 20 mm reported in CD 9ae. Wind damage was reported in the Humboldt and Paddockwood areas. Drought damage was reported in the Tisdale and Melfort areas. Hail damage was reported in the Paddockwood area, with some fields 50% to 100% wiped out. Trees are also laying all over from the big storm at the beginning of the week. Frost patches on buildings were reported in the Hoey area. The

Codette area found frost damage from the previous week. Lodging of crops was also a concern.

Thirteen per cent of the 2008 north eastern crop has been harvested and a further 44% is lying in the swath or is ready to be straight-combined. Winter wheat is 88% off, as is 81% of the fall rye. Sixty per cent of the peas are off and so are 24% of the lentils. Grain is being dried.

With 12% of the spring wheat combined, reporters estimated that 78% would fall into the top grade.

There is second growth in some cereal crops. Barley is being downgraded from the cold, wet weather in the Bruno area.

Topsoil moisture conditions improved this past week. Eighty-three per cent of the crop land was rated as having adequate topsoil moisture, compared with 74% last week. Conditions on hay and pasture land also improved with 73% rated as having adequate topsoil moisture, compared with 64% the previous week.

Grasshoppers caused crop damage in the Codette area.

Fifty-three per cent of the pastures are rated in good to excellent condition. In late July, 58% had that rating.

Ninety-nine per cent of the

region has adequate livestock water supplies.

Haying is finishing up. Some winter wheat has been seeded in the Humboldt area.

North western Saskatchewan (Crop Districts 9aw & 9b)

The north western region saw cooling temperatures during the past week. An average of 17 mm of precipitation was reported, with an average high of 22 mm reported in CD 9aw. Crop damage from wind was reported in the Leask, Shellbrook, Debden, North Battleford, and Rapid View areas. Frost was reported in the Glaslyn, Turtleford, and Pierceland areas. Frost damage estimates in the Glaslyn area

range from 3% to 5%. There could be some frost damage in the Hafford area. The light frost in the Meadow Lake area is not expected to do much, if any, crop damage. In Pierceland, the temperatures dipped to -3C and -5C. Hail damaged crops in the Shellbrook area.

Six per cent of the 2008 north western crop has been harvested and a further 29% is lying in the swath or is ready to be straight-combined. Winter wheat is 79% done and fall rye is 57% done. Fifty-two per cent of the peas are done. Combined crops need to be dried.

With 4% of the spring wheat combined, reporters estimated that 39% will fall into the top grade.

Fall rye seeding is underway in the North Battleford area. Haying operations are winding down.

Topsoil moisture conditions improved from last week, with 81% of the crop land and 73% of the hay and pasture land reported as having adequate topsoil. This compares with 75% and 64% respectively last week.

Grasshoppers damaged crops in the North Battleford area. Geese damaged crops in the Pierceland area.

In late July, 46% of the pastures were rated in good to excellent condition. In late August, 50% received that rating. Ninety-three per cent of the region has adequate livestock water availability.

Saskatchewan Harvest Progress at August 31, 2008

% In Swath or Ready to Str.Cmb.

% Harvested

	2008	2007	Average 2003-07	2008	2007	Average 2003-07
Winter wheat	15	7	11	78	92	73
Fall rye	6	2	10	89	94	72
Spring wheat	28	35	21	10	32	31
Durum	25	24	15	13	60	42
Oats	18	28	21	7	20	21
Barley	32	31	21	18	42	36
Triticale	11	8	12	49	79	38
Flax	1	16	12	0	7	8
Canola	63	54	44	9	33	26
Mustard	31	21	21	26	67	45
Sunflowers	0	0	1	19	0	1
Lentils	22	7	14	61	91	62
Peas	15	11	13	73	83	64
Canary seed	3	23	18	0	12	11
Chickpeas	2	24	14	17	47	32
Total	32	32	23	20	44	35

Growing Degree Days Above 5°C

calculations based on temperatures given by crop reporters

R.M.	Since April 1		Aug 24-30	Total
3	1355.5		95.5	1451
17A	1206	*	83.5	1289.5
38B			102.5	
43A	1416.45		103.65	1520.1
43B			87.8	
44	1255.85	*	96	1351.85
68	1535.3		101.35	1636.65
71			91.55	
72			89.1	
75B			94.35	
76			93.4	
78A	1139	*	84	1223
97	1291.535		88.3	1379.835
109			79	
111A	1323.6	*	92	1415.6
123			79	
124			76.95	
125			80	
127			83.3	
138			82.5	
142			84.75	
151B	1177.1		85.05	1262.15
154			86	
166	1277.5	*	85.5	1363
167	1188	*	86	1274
185			82.95	
186			79.1	
190B			96.5	
193	1238.7	*	87	1325.7
221	1206.8	*	87	1293.8
222			86	
226			78	
246	1103.45		80.65	1184.1
259			71.8	
276			84.5	
277	1189	*	81.45	1270.45
283	1246.8	*	80.4	1327.2
285	1345.55		83.35	1428.9
312			77	
318A	1177.5	*	73.5	1251
333			93	
338			84	
339	1137.5		83.5	1221
340A			77.5	
343			86.5	
370			81.5	
379	1124.65	*	68.05	1192.7
397			81	
429B	1145	*	84.5	1229.5
442	1117		59	1176
456	969.5		73.5	1043
488			74.6	
496	1120.5	*	77	1197.5
502	1199.5		58	1257.5

* missing 1 to 7 days of data

A degree day is defined as a measure of the departure of temperature for a day from some reference temperature.

They are expressed in degrees of temperature.

For plant growth, a base of 5°C is generally used, although the base varies for each plant species and, in fact, varies throughout the life of the plant from germination to maturity. By accumulating degree days throughout the growing season, it is possible to forecast harvesting dates.

Weekly Rainfall Summary

(in millimeters)

for the week ending August 30, 2008

Crop Municipality	Past	Since	Crop Municipality	Past	Since	Crop Municipality	Past	Since
Dist. No. Name	Week	April 1	Dist. No. Name	Week	April 1	Dist. No. Name	Week	April 1
1A 1 Argyle	NIL	254	107 Lac Pelletier	NIL	243	344 Vancan Park	10	140
2 Mount Pleasant	2	263	108 Bone Creek	6	360	345 Vanscoy	28	202
3 Enniskillen	2	283	3BN 138 Webb	2	309	346 Perdue	15	229
33A Moose Creek	1	233	165 Morse	N/A	257*	376 A Eagle Creek	12	178
33B Moose Creek	2	274	166 Excelsior	4	313	376 B Eagle Creek	10	179
34 Browning	1	216	167 Sask. Landing	11	343	403 Rosthern	20	195
61 Antler	N/A	220*	168 Riverside	7	344	7A 259 Snipe Lake	10	235
64 Brock	1	256	226 Victory	10	211	287 St. Andrews	8	159
65 Tecumseh	NIL	244	228 A Lacadena	N/A	219*	288 Pleasant Valley	9	190
91 Maryfield	8	352	228 B Lacadena	13	222	292 Milton	N/A	308*
92 Walpole	NIL	285	255 Coteau	N/A	178*	317 A Marriott	10	188
93 Wawken	1	302	4A 49 White Valley	NIL	211	317 B Marriott	12	164
94 Hazelwood	2	341	49 A White Valley	N/A	182*	318 A Mountain View	10	245
95 Golden West	NIL	289	51 Reno	2	182	318 B Mountain View	15	235
121 Moosomin	5	391	79 Arlington	NIL	204	320 Oakdale	12	284
122 Martin	5	376	109 Carmichael	TR	271	321 Prairiedale	15	316
123 Silverwood	3	284	110 Piapot	NIL	264	7B 347 A Biggar	14	245
124 Kingsley	2	355	111 A Maple Creek	1	242	347 B Biggar	12	187
125 Chester	3	289	111 B Maple Creek	NIL	263	350 A Mariposa	9	240
151 A Rocanville	N/A	277*	4B 139 Gull Lake	3	249	350 B Mariposa	18	221
151 B Rocanville	2	304	141 Big Stick	4	274	351 Progress	12	377
153 Willowdale	TR	294	142 Enterprise	5	272	352 Heart's Hill	24	367
154 Elcapo	2	378	169 Pittville	N/A	232*	377 Glenside	12	205
155 Wolseley	1	285	231 Happyland	8	265	378 A Rosemount	12	210
2A 36 Cymri	NIL	233	232 Deer Forks	13	287	378 B Rosemount	8	224
66 Griffin	65	340	183 Fertile Belt	4	326	379 Reford	9	167
67 Weyburn	N/A	247*	184 Grayson	4	270	380 Tramping Lake	8	177
68 Brokenshell	NIL	220	185 Mcleod	5	302	381 Grass Lake	17	245
69 Norton	NIL	283	186 Abernethy	1	268	382 Eye Hill	N/A	337*
96 Fillmore	NIL	300	211 Churchbridge	1	304	409 Buffalo	22	233
97 Wellington	TR	223	213 Saltcoats	3	274	410 Round Valley	13	208
99 Caledonia	NIL	224	216 A Tullymet	5	272	411 Senlac	N/A	325*
2B 126 Montmartre	1	335	216 B Tullymet	NIL	159	8A 395 Porcupine	4	206
127 Francis	7	301	241 Calder	5	301	397 Barrier Valley	8	187
129 Bratt's Lake	N/A	193*	243 Wallace	3	333	398 Pleasantdale	9	172
131 Baildon	1	215	245 A Garry	TR	233	428 Star City	6	206
156 A Indian Head	1	259	245 B Garry	3	266	456 Arborfield	9	250
157 South Qu'appelle	N/A	206*	246 Ituna Bon Accord	4	251	457 Connaught	NIL	130
158 Edenwold	4	299	247 Kellross	3	263	458 Willow Creek	6	155
160 Pense	15	233	248 Touchwood	3	226	486 Moose Range	5	221
161 Moose Jaw	14	246	5B 271 Cote	3	246	487 Nipawin	14	231
191 Marquis	NIL	255	273 Sliding Hills	5	213	8B 369 St. Peter	14	152
3ASE 9 Surprise Valley	NIL	241	275 Insinger	N/A	254*	370 Humboldt	17	200
38 A Laurier	NIL	316	276 Foam Lake	4	320	371 Bayne	6	160
38 B Laurier	NIL	248	277 Emerald	5	252	372 Grant	18	187
39 A The Gap	NIL	260	304 Buchanan	4	377	373 Aberdeen	N/A	22*
39 B The Gap	NIL	219	307 Elfros	4	308	400 Three Lakes	21	236
3ASW 10 Happy Valley	NIL	226	308 Big Quill	N/A	140*	402 Fish Creek	24	184
12 Poplar Valley	NIL	264	333 Clayton	4	281	429 A Flett's Springs	13	128
40 Bengough	NIL	253	335 Hazel Dell	N/A	321*	429 B Flett's Springs	6	208
42 Willow Bunch	N/A	223*	336 Sasman	N/A	225*	431 St. Louis	11	188
43 A Old Post	NIL	211	337 Lakeview	15	211	459 Kinistino	10	194
43 B Old Post	N/A	172*	338 Lakeside	6	229	9AE 488 Torch River	5	266
44 Waverley	NIL	231	366 Kelvington	5	262	520 Paddockwood	35	149
70 Key West	NIL	245	367 B Ponass Lake	N/A	150*	9AW 405 Great Bend	N/A	115*
71 A Excel	NIL	249	189 Lumsden	1	337	406 Mayfield	9	210
71 B Excel	N/A	264*	190 A Dufferin	TR	219	435 Redberry	30	278
71 C Excel	NIL	265	190 B Dufferin	4	220	436 Douglas	11	165
72 Lake Of The Rivers	2	214	190 C Dufferin	N/A	275*	463 Duck Lake	18	214
73 A Stonehenge	NIL	233	219 B Longlaketon	3	247	464 Leask	26	243
73 B Stonehenge	N/A	264*	219 C Longlaketon	4	252	466 Meeting Lake	N/A	203*
74 Wood River	N/A	16*	220 Mckillop	6	206	467 Round Hill	23	260
3AN 101 Terrell	NIL	215	221 Sarnia	2	251	493 Shellbrook	37	166
102 Lake Johnston	1	193	222 Craik	TR	267	494 Canwood	27	241
103 Sutton	NIL	239	251 Big Arm	2	256	496 Spiritwood	20	235
132 Hillsborough	5	230	252 Arm River	TR	193	497 Medstead	N/A	185*
134 Shamrock	N/A	263*	279 A Mount Hope	9	284	555 Big River	N/A	218*
164 Chaplin	NIL	253	279 B Mount Hope	6	202	9B 438 Battle River	10	204
193 Eyebrow	1	240	280 Wreford	15	269	440 Hillsdale	20	239
194 Enfield	N/A	227*	282 Mccraney	9	267	442 Manitou Lake	23	278
3BS 17 A Val Marie	2	293	309 Prairie Rose	14	292	498 A Parkdale	15	229
17 B Val Marie	5	163	312 Morris	2	236	498 B Parkdale	NIL	207
45 Mankota	NIL	253	313 Lost River	10	238	499 Mervin	18	288
75 A Pinto Creek	5	222	339 Leroy	9	195	501 A Frenchman Butte	N/A	206*
75 B Pinto Creek	NIL	227	340 A Wolverine	26	232	501 B Frenchman Butte	22	257
76 A Auvergne	NIL	219	340 B Wolverine	4	224	501 C Frenchman Butte	14	258
76 B Auvergne	TR	270	341 Viscout	15	214	502 Britannia	17	278
77 Wise Creek	12	272	343 Blucher	13	249	561 Loon Lake	N/A	224*
78 A Grassy Creek	34	340	283 Rosedale	10	202	588 A Meadow Lake	N/A	180*
78 B Grassy Creek	NIL	236	284 Rudy	18	242	588 B Meadow Lake	17	218
78 C Grassy Creek	13	291	285 Fertile Valley	14	207	588 C Meadow Lake	12	318
105 Glenbain	2	228	286 Milden	13	188	588 D Meadow Lake	N/A	324*
106 Whiska Creek	NIL	257	314 Dundurn	21	227	622 Beaver River	TR	156

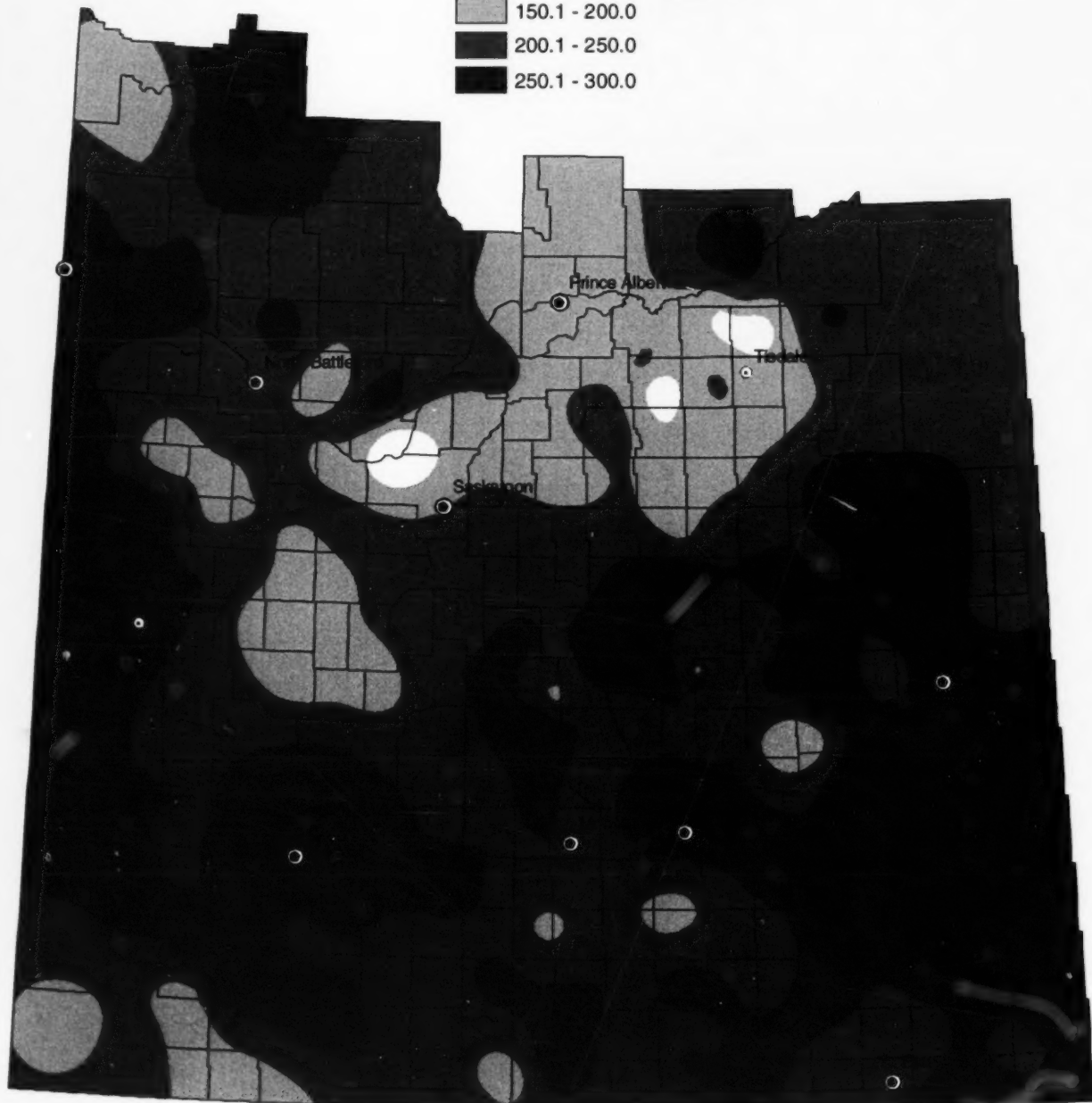
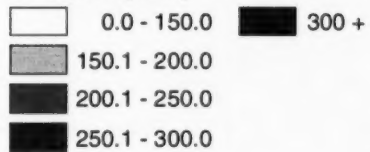
These precipitation amounts represent point locations within each municipality and do not necessarily reflect the whole R.M.

* incomplete

Municipality No: A, B, C, and D - more than one reporter

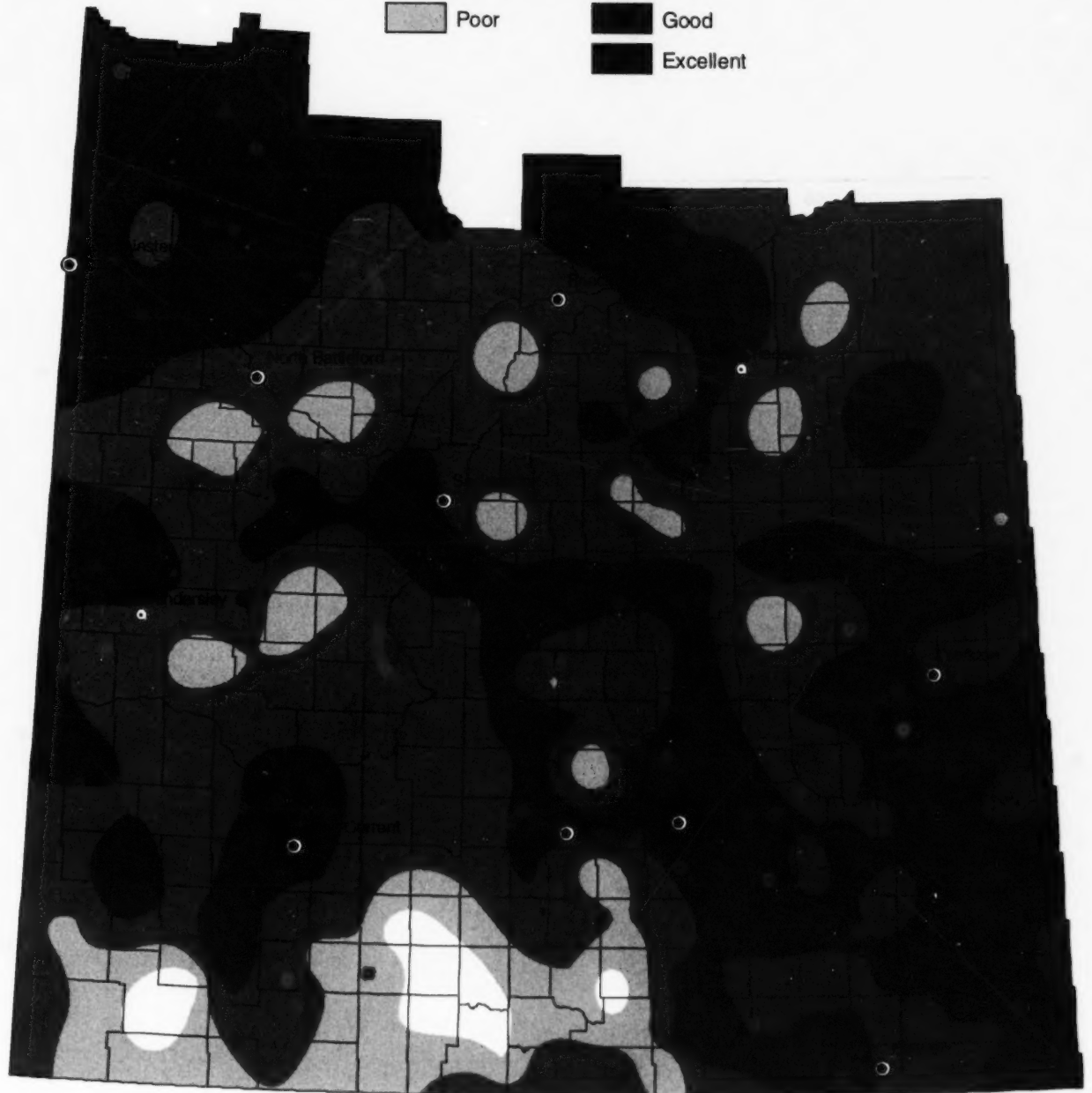
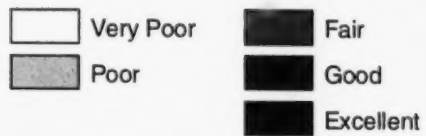
Cumulative Rainfall
From: April 1, 2008
To: August 30, 2008

Rainfall (mm)

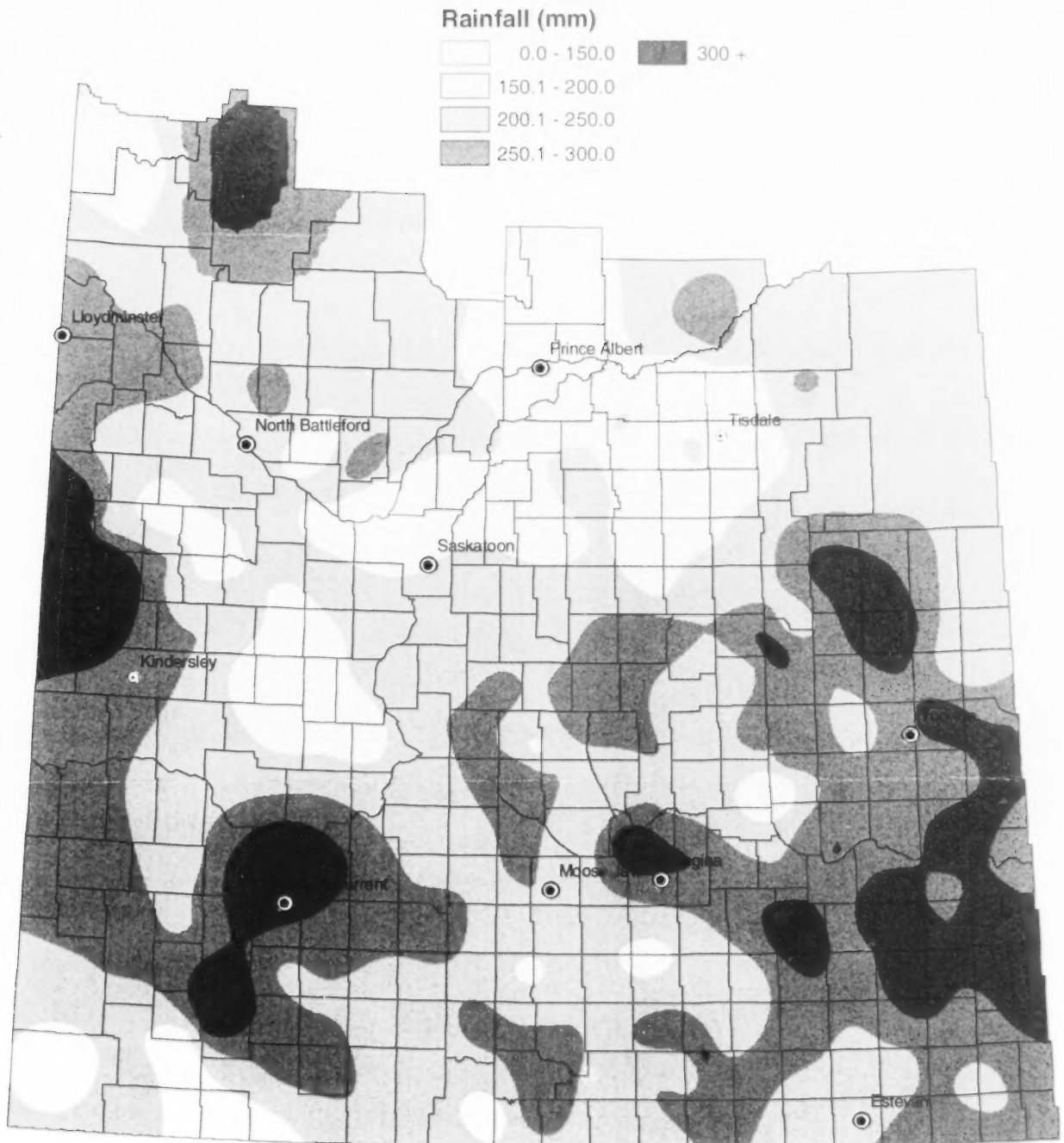


Pasture Conditions

August 31, 2008



Cumulative Rainfall
From: April 1, 2008
To: August 30, 2008



Pasture Conditions

August 31, 2008

